Peak District National Park

Forecast valid from 00:00 on Wednesday 20 Apr 2022 until 23:59 on Thursday 21 Apr 2022

Forecast Issued on Tuesday 19 Apr 2022 at 14:42

Confidence: High confidence for mostly dry and fine conditions in the coming days, but becoming windy at height with a brisk east or northeast wind developing.

Headline for Wednesday 20 Apr 2022: Rather breezy on hilltops.

Mountain weather hazards on Wednesday 20 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability							
10%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 20 Apr 2022

Weather: Cloudy and dry overnight with a risk of patchy low cloud developing on eastern hilltops before dawn. Cloud lifting off hilltops rather quickly on Wednesday morning, but remaining mostly cloudy until around midday. Thereafter, staying dry with increasingly lengthy periods of sunshine, followed by a fine and mostly clear evening. Gentle winds at low-levels but rather breezy on hilltops throughout.

Chance of cloud-free hill tops above 600m: 80% at first, increasing to 100% from mid-morning.

Low cloud and visibility: Chance of poor visibility in patchy cloud above 600m until mid-morning, otherwise very good visibility.

Forecast for Wednesday 20 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 NE	13/19 NE	15/20 NE	14/20 NE	18/25 E	16/23 E	15/22 E	16/24 E	18/27 E
300	10/17 NE	10/17 NE	12/19 NE	13/19 NE	14/21 E	14/21 E	12/19 E	13/24 E	10/18 NE
Valley	7/13 E	9/20 NE	13/25 NE	12/22 E	12/22 E	12/22 E	11/21 E	14/28 E	14/25 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	4/-1	3/-1	5/1	9/6	10/7	8/5	4/-0	3/-2
300	7/5	6/3	6/2	8/5	12/10	13/10	11/9	7/4	5/2
Valley	8/6	7/5	7/4	10/7	14/11	14/12	12/10	8/4	6/2
Freezing Level*	1400m	1400m	1300m	1400m	1500m	1500m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate or perhaps High UV levels as conditions turn brighter through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 19 Apr 2022	N/A	N/A	N/A

Forecast for Thursday 21 Apr 2022

Weather: Rather widespread low cloud developing across the area in the early hours of the morning, with hill fog expected on modest summits. Likely remaining dry but breezy, especially on hilltops. Mostly cloudy around dawn on Thursday but sunny spells becoming quite frequent for a time during the morning. Fair weather cloud bubbling up by the afternoon bringing patches of cloud, but still plenty of sunshine. Remaining breezy. Cloud perhaps increasing again into the evening with further potential for low cloud to cover summits.

Maximum wind: Easterly 20-25mph, gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 100% decreasing to 30% overnight. Increasing to 100% again from mid-morning, then 60% from late evening.

Low cloud and visibility: Poor visibility in low cloud expected with cloud developing in the early hours of Thursday, with bases 400-500m, then a chance of hill fog patches from late evening. Otherwise very good visibilities.

Temperature: **Valleys:** Plus 5 increasing to Plus 15 Celsius.
At 600m: Plus 2 increasing to Plus 9 Celsius.
Freezing level: Above summits.